1st and part Bill

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works) Head of Account:

Job Number

Division: Yelahanka Projects Sub division: Yelahanka Projects
Bill Received No. ..... Date ..... Cash Book Voucher No. ..... dated .....
Scheduled Docted No.

Name of Work : CONSTRUCTION OF INDOOR STADIUM AT TELECOM LAYOUT IN WARD NO-5 SURROUNDING AREA BYATARAYANAPURA SUB DIVISION ,YELAHANKA ZONE, BENGALURU-92

Name of Contractor and Full Address: **Shri.K.Boopalan (BVR Tech& Engineers)**

Reference to Work order No. 93 EE(Projec)/Ynk Zone/WO/93/2020-21 dt :- 02-09-2020

Certified that the measurement were taken by me on 18/01/21 and recorded of pages U39901 to U39923

Contractor

Certified that the measurements were taken by me on 18/01/2021 and are found correct and the work is

Officer in charge of work

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the

II Memorandum of Payment

Sub-Division Officer

1) Total value of work done or supplies made as per account within	
2) Deduct amount to be held in reserve being ..... percent Rs.	
3) Deduct amount to be held in Balance	1st and Last Bill.
4) Deduct Payments:	7698574.00
a) Amount of previous payment as in the office Cash Book Voucher No ..... Dated ..... SLD No	76986.00
Amount adjusted towards cash advance recovery of	68737.00
b) Payments cost store or other materials supplied	68737.00
Now made recovery of amount creditable to this/other work	76986.00
Amount paid on this bill Cheque/Cash	7699.00
5) Balance being unpaid value of work done held in reserve	70177.00
6) Deduct cash advance made on the Office Cash Book Voucher No ..... dated ..... less adjustments	
7) Net amount due to or from contractor	
Unadjusted items	
8) Advance to contractor for materials brought to site (as detailed) with	
Value of Government materials supplied	369322.00
By Cheque 7329252.00	

Received Rs. .....

by cash and by adjustment of Payment as per memorandum.

Contractor's Signature

Witnesses:
1
2
Dated..... Signature of Contractor

Stamp

(For use in the Office)

Head of Account P3584.

Audited & admitted for Rs. 7698574.00

Seventy six lakh ninety eight thousand five hundred seventy four

Paid by me by cheque No. ..... dated .....
Cast Rs. ..... dated .....

7329252.00 by Cheque

Executive Engineer

and Rs. 369322.00 by Adjustment

Initials of Officer making payment

Acct. Clerk Project Division

Acct. Supdt. Project Division B.B.M.P.

Exe. Engineer Project Division B.B.M.P.

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BRUHAT BENGALURU MAHANAGARA PALIKE

NAME OF THE WORK : CONSTRUCTION OF INDOOR STADIUM AT TELECOM LAYOUT IN WARD NO-5 SURROUNDING AREA BYATARAYANAPURA SUB DIVISION ,YELAHANKA ZONE, BENGALURU-92

Bill Form

Name of the Agency : Shri.K.Boopalan (BVR Tech& Engineers)

SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
1	Earth work in excavation of foundation of structures upto 3 mtrs by mechanical mans as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, **filling back** the excavation earth to the extent required and utilising / transporting the remaining earth upto 1.00 km lead. including cost of labour,materials and HOM of machineries etc., complete.	cum	1214.40			455.40	58.96	26850.38	455.40	26850.38
2	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	cum	348.57			348.57	339.00	118164.21	348.57	118164.21

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NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
3	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS 2.10.2	cum	33.89		—	33.89	2753.96	93322.07	33.89	93322.07
4	Providing and injecting chemical emulsion for Pre- constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured).	Sqm	203.89		—	203.89	120.18	24503.08	203.89	24503.08
5	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	cum	142.18		—	68.49	5888.87	403329. 403347.92	68.49	403329. 403347.92

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
6	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	cum	65.68			65.68	6216.54	408278.41	65.68	408278.41
7	Providing and laying in position reinforced cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and cills including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	cum	8.68			8.68	6019.25	52247.09	8.68	52247.09
8	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footing,pedastals,retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	Cum	208.29			55.36	6589.55	364789.25	55.36	364789.25

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
9	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C. beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintles, columns, including cost of all materials, labour, HOM of machinery, curing,	Cum	113.58			113.58	6853.72	778413.65	113.58	778413.65
10	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C. beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintles, columns, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. **FIRST FLOOR**	Cum	94.67			94.67	6916.71	654798.36	94.67	654798.36
11	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.-TMT bars Fe 500 **Ground floor**	MT	25.75			15.12	80460.12	1216499.19	15.12	1216499.19

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
12	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.-TMT bars Fe 500 **First floor**	MT	7.57	—	—	7.57	81245.37	615313.76	7.57	615313.76
13	Providing and removing centering ,shuttering,strutting,propping etc., and removing of **form work for foundations , footings ,** bases of columns for mass concrete including cost of all materials, labour as per specifications.	sqm	64.94	—	—	64.94	292.52	18996.25	64.94	18996.25
14	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.	sqm	372.80	—	—	0.00	405.89	0.00	0.00	0.00
15	Providing and removing centering, shuttering, strutting, propping etc., **for columns,** pillars, post and struts, **square / rectangular/** polygon in plan including cost of all materials, labour complete as per specifications. **Below Ground Floor**	sqm	283.10	—	—	277.70	517.01	143573.68	277.70	143573.68
16	Providing and removing centering, shuttering, strutting, propping etc., **for columns,** pillars, post and struts, **square / rectangular/** polygon in plan including cost of all materials, labour complete as per specifications. **Below First Floor**	sqm	229.90	—	—	229.90	635.11	146011.79	229.90	146011.79

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
17	Providing and removing centering ,shuttering , strutting , propping etc., and removal of form work for **sides and soffit of beams , beam haunchings,cantilever girders, bressumers** and **lintels** not exceeding 1m in depth including cost of materials , labour complete as per specifications. **Ground floor**	sqm	631.11			572.28	331.06	189459.35	572.28	189459.35
18	Providing and removing centering ,shuttering , strutting , propping etc., and removal of form work for **sides and soffit of beams , beam haunchings,cantilever girders, bressumers** and **lintels** not exceeding 1m in depth including cost of materials , labour complete as per specifications. **First floor**	sqm	283.26			283.26	436.04	123512.69	283.26	123512.69
19	Providing and removing centering , shuttering ,strutting , propping etc., for **edges of slabs** and breakes in floor ,cills, plinth including cost of all materials , labour complete as per specifications. **Ground floor**	sqm	11.55			11.55	856.01	9886.92	11.55	9886.92
20	Providing and removing centering , shuttering ,strutting , propping etc., for **edges of slabs** and breakes in floor ,cills, plinth including cost of all materials , labour complete as per specifications. **First floor**	sqm	11.55			11.55	960.99	11099.43	11.55	11099.43
21	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons. up to 3.50m from Ground level. 0 TO 5 MTRS	sqm	237.50			237.50	453.51	107708.63	237.50	107708.63
22	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons. up to 3.50m from **First floor**	sqm	237.50			237.50	1326.53	315050.88	237.50	315050.88

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
23	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work **for Stairs** (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. **Ground floor**	sqm	32.02	—	—	28.32	589.57	16696.62	28.32	16696.62
24	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work **for Stairs** (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. **First floor**	sqm	32.02	—	—	28.32	694.55	19669.66	28.32	19669.66
25	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. **Ground floor**	sqm	556.40	—	—	—	919.50	0.00	0.00	0.00
26	Providing 12mm thick cement plaster in single coat with cement mortor 1:3 to **ceiling** including rounding of all corners whereever required smooth rendering providing and removing scaffolding including cost of materials .labour , curing complete as per specifications **Ground floor**	sqm	237.50	—	—	237.50	266.44	63279.50	237.50	63279.50
27	Providing 12mm thick cement plaster in single coat with cement mortor 1:3 to **ceiling** including rounding of all corners whereever required smooth rendering providing and removing scaffolding including cost of materials .labour , curing complete as per specifications **First floor**	sqm	237.50	—	—	237.50	272.74	64775.75	237.50	64775.75

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
28	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications do-110 mm dia	M	20.00	—	—	20.00	492.06	9841.20	20.00	9841.20
29	KSRB15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.cement mortar 1:3 **Ground floor**	sqm	1451.64	—	—	—	312.92	0.00	0.00	0.00
30	KSRB15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.cement mortar 1:3 **First floor**	sqm	342.00	—	—	—	319.22	0.00	0.00	0.00
31	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications **250 mm dia.**	M	30.00	—	—	—	2352.60	0.00	0.00	0.00

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
32	Fabricating, supplying and erecting M.S.Tubular Trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest strucutral welding code. Quality shall be on various parameters like shape, size, design guage and polish. The entire trusses is anchored in RCC column byusing 4 Nos of M.S. anchor bolts at each support with 10mm thick base plate and ahoe plate. The work includes cutting, straighening, placing in position of M.S pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift transportation etc., complete as per specification.	KG	4754.40				125.85	0.00	0.00	0.00
33	Providing and fixing M.S. Grill over existing compound wall as per using 16mm x 16mm M.S. Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification.	sqm	286.50				6087.29	0.00	0.00	0.00

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
34	Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I : Surface Road , M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH - 100/ Chapter 1 = 15 KM LEAD CONSIDERED	cum	1562.97			1562.97	120.63	188540.71	1562.97	188540.71
35	Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications.	kg	1264.80			1264.80	107.71	136231.61	1264.80	136231.61
36	Providing and fixing 304 - grade stainless steel hand rails of 14-gauge pipes for Ramps staircase made out of stainless steel hallow pipes, using 50mm dia for verticals @1.60 mtr c/c fixed tot he ramps or steps by drilling with bolts and 100mm dia MS base plates 10mm gauge for fixing of Vertical pipes 4 - Nos anchor bolts & 40mm dia pipes fixed horizontally for 2-rows top, one pipes fixed with vertical pipes another one fixed with elbows and 25mm dia pipes are fixed horizontally for 2-rows below top measure @ equal intervals including cutting, welding, bending wherever necessary with suitable caps @ tops, bottoms & corners finishing with mat / shining etc., complete including cost and conveyance of all materials, labour for all items of work, HOM with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and	sqm	18.00				6097.49	0.00	0.00	0.00

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
37	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be	each	1.00			1.00	3955.65	3955.65	1.00	3955.65
38	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work **a. 0 to 50 m**	Rmt	50.00			50.00	364.28	18214.00	50.00	18214.00

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
39	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work **b. 50 to 100 m**	Rmt	50.00	—	—	50.00	464.01	23200.50	50.00	23200.50
40	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work c. **100 m to 150 m**	Rmt	50.00	—	—	50.00	478.71	23935.50	50.00	23935.50

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
41	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work c. **150 m to 200 m**	Rmt	50.00	—	—	50.00	562.69	28134.50	50.00	28134.50
42	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work c. **200m to 250 m**	Rmt	50.00	—	—	50.00	665.57	33278.50	50.00	33278.50

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
43	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work c. **250m to 300 m**	Rmt	100.00	—	—	100.00	734.86	73486.00	100.00	73486.00
44	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) as per corragandam as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Rmt	36.00	—	—	36.00	1390.99	50075.64	36.00	50075.64
45	Providing 250mm dia PVC Pipe 6kg/cm as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	Rmt	6.00	—	—	6.00	792.04	4752.24	6.00	4752.24

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
46	Providing and fixing 175mm Borewell Cap as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	no.	1.00	—	—	1.00	157.47	157.47	1.00	157.47
47	Supply of Submersible Three Phase 150 mm Pump of 12.5 HP / 9.3 KW 30 stage with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	UNIT	1.00	—	—	1.00	63719.71	63719.71	1.00	63719.71
48	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008. 50 mm dia including Collar Heavy Class as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	200.00	—	—	200.00	435.67	87134.00	200.00	87134.00

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
49	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 46/ I No. 30-B 4.0 Sqm mm of 36 strands 0.3mm dia Group - (1x3x4.00 Sqmm PVC cable) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	150.00	—	—	150.00	503.90	75585.00	150.00	75585.00
50	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involoved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	no.	1.00	—	—	1.00	3149.40	3149.40	1.00	3149.40
51	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	no.	1.00	—	—	1.00	299.19	299.19	1.00	299.19
52	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	30.00	—	—	30.00	157.47	4724.10	30.00	4724.10

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
53	Labour charges for laying of 1.1 K.V class UG cable as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	30.00			30.00	8.40	252.00	30.00	252.00
54	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc., complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	25.00			25.00	62.99	1574.75	25.00	1574.75
55	Supplying and fixing of Class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	4.00			4.00	251.95	1007.80	4.00	1007.80
56	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	no.	1.00			1.00	272.95	272.95	1.00	272.95

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
57	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	no.	1.00	—	—	1.00	2047.11	2047.11	1.00	2047.11
58	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	no.	3.00	—	—	3.00	125.98	377.94	3.00	377.94
59	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	no.	1.00	—	—	1.00	1169.48	1169.48	1.00	1169.48

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
60	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	no.	1.00	—	—	1.00	211.01	211.01	1.00	211.01
61	Supplying and fixing 50mm dia GI X nipple with ISI mark as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	no.	2.00	—	—	2.00	83.98	167.96	2.00	167.96
62	Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	no.	1.00	—	—	1.00	367.43	367.43	1.00	367.43
63	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	no.	1.00	—	—	1.00	1049.80	1049.80	1.00	1049.80

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
64	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.35 as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	sqcm	14500.00	-	-	14500.00	0.35	5075.00	14500.00	5075.00
65	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. 15HP to 30 HP Star Delta Starter as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	each	1.00	-	-	1.00	11547.80	11547.80	1.00	11547.80

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SL. NO	DESCRIPTION OF WORKS	Unit	BOQ Qty	Previous measurements		Present measurements			Total Up to date	
				Qty	Amount	Qty	RATE	AMOUNT	Qty	Amount
66	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work 75mm	mtr	250.00	—	—	240.00	122.83	29479.20	240.00	29479.20
67	KSRB 13.6.3-7 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 65 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per Specification and direction with all lead and lift etc.., complete as per the directions of the Engineer-In-charge of the work	mtr	2.00	—	—	2.00	2384.35	4768.70	2.00	4768.70
								6873787		6873787
							Total Amount	6874032.86		6874032.86
							Add GST 12%	824883.94		824883.94
							Grand Total	7698917.00		7698917.00
								7,698,574.00		7,698,574.00

Certificate

1 Certified that the contractor has done the work satisfactorily
2 The contractor has removed the debris from work site.
3 There is no dept. material issued to the contractor.

18/01/21

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